CLAIMS AMENDMENT

1-48. (canceled)

49. (currently amended): A method for expressing a foreign gene non-polio nucleotide sequence in a cell comprising:

contacting the cell, in a physiologically acceptable carrier, with an effective amount of a composition effective to result in said expression comprising a recombinant poliovirus nucleic acid having a foreign nucleotide sequence encoding, in an expressible form, a gene product substituted for at least a portion of the P1 capsid precursor region of the poliovirus genome,

under conditions appropriate for introduction of the recombinant poliovirus nucleic acid into the cell, thereby generating a modified cell which expresses a <u>foreign said</u> gene product encoded by <u>the foreign said</u> nucleotide sequence.

- 50. (previously presented): The method of claim 49 wherein the recombinant poliovirus nucleic acid is encapsidated.
 - 51. (previously presented): The method of claim 49 wherein the cell is in a subject.
- 52. (previously presented): The method of claim 51 wherein the cell is contacted ex vivo and the modified cell is then reintroduced into the subject.
- 53. (previously presented): The method of claim 49 wherein the cell is selected from the group consisting of a peripheral blood mononuclear cell, a B cell, a T cell, a monocyte, a macrophage, a cutaneous cell, a muscle cell, a kidney cell, a mucosal cell, and a tumor cell.
- 54. (previously presented): The method of claim 52 wherein the cell is reintroduced into the subject by injection or implantation.
- 55. (currently amended): The method of claim 49 wherein the foreign gene non-polio nucleotide sequence encodes a gene product selected from the group consisting of a protein or fragment thereof, an antisense [[gene]] nucleotide sequence, and a ribozyme.

- 56. (previously presented): The method of claim 55 wherein the protein is a therapeutic protein.
- 57. (previously presented): The method of claim 55 wherein the protein or fragment thereof is selected from the group consisting of a secretory protein, a cell surface protein, and a structural protein.
- 58. (currently amended): The method of claim 56 wherein the secretory protein is selected from the group consisting of an interleukin[[5]] and a cytokine, and a factor.
- 59. (previously presented): The method of claim 58 wherein the interleukin is selected from the group consisting of IL-1, IL-2, and IL-6.
- 60. (previously presented): The method of claim 58 wherein the cytokine is selected from the group consisting of GM-CSF, and interferon-γ.
- 61. (currently amended): The method of claim 55 wherein the antisense [[gene]] nucleotide sequence corresponds to a gene selected from the group consisting of a viral gene and an oncogene.
- 62. (previously presented): The method of claim 60 wherein the viral gene is an HIV gene.
- 63. (previously presented): The method of claim 55 wherein the ribozyme comprises an activity selected from the group consisting of endonuclease activity and polymerase activity.

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